Hydrobiologia

The International Journal of Aquatic Sciences

Volume 519, 15 May 2004

Opinion

The truly new systematics – megascience in the information age
F.R. Schram 1–7

Regular articles

Induction of larval settlement and metamorphosis in the donkey-ear abalone, *Haliotis asinina* Linnaeus, by chemical cues
R.S.J. Gapasin, B.B. Polohan 9–17

A spatially explicit computer model for immature distributions of *Glyptotendipes paripes* (Diptera: Chironomidae) in central Florida lakes
R.J. Lobinske, J.L. Stimac, A. Ali 19–27

Quality of suspended fine particulate matter in the Little Tennessee River
E.J. Rosi-Marshall, J.L. Meyer 29–37

Assessing Biological Orders of river sites and biological structures of watercourses using ecological traits of aquatic insects
J. Verneaux, V. Verneaux, A. Schmitt, C. Prouteau 39–47

Practicability of the Index of Trophic Completeness for running waters
A. bij de Vaate, T.I. Pavluk 49–60

Gonadal growth and reproduction in the commercial sea urchin *Paracentrotus lividus* (Lamarck, 1816) (Echinodermata: Echinoidea) from southern Spain
A.I. Sánchez-España, I. Martínez-Pita, F.J. García 61–72

Circumpolar analysis of morphological and genetic diversity in the Notostracan *Lepidurus arcticus*
D.O. Hessen, E.K. Rueness, M. Stabell 73–84

Structural variations of phytoplankton in the coastal seas of Yucatan, Mexico
L.T. Ghinaglia, J.A. Herrera-Silveira, F.A. Comín 85–102

Benthic macroinvertebrate community structure in relation to food and environmental variables
E.T.H.M. Peeters, R. Gylstra, J.H. Vos 103–115

Comments on the morphology of *Nicsmirnovius eximius* (Kiser, 1948) (Aloninae, Anomopoda, Cladocera) in Thailand, with description of its male
A.A. Kotov, L.-o. Sanoamuang 117–125

Drift and benthic population structure of the mayfly *Rhithrogena semicolorata* (Heptageniidae) under natural and hydropeaking conditions
R. Céréghino, M. Legalle, P. Lavandier 127–133

Using 18S rDNA to resolve diaptomid copepod (Copepoda: Calanoida: Diaptomidae) phylogeny: an example with the North American genera
R.A. Thum 135–141

Disaggregation of *Microcystis aeruginosa* colonies under turbulent mixing: laboratory experiments in a grid-stirred tank
K.R. O'Brien, D.L. Meyer, A.M. Waite, G.N. Ivey, D.P. Hamilton 143–152

Recovery and fate of three species of marine dinoflagellates after yellow clay flocculation
X.-X. Sun, J.-K. Choi 153–165

Speciation rates in lakes and the enigma of Lake Victoria
G. Fryer 167–183

Costs of parental care on hunting behaviour of *Helobdella papillornata* (Euhirudinea: Glossiphoniidae)
D. Paez, F.R. Govedich, B.A. Bain, M. Kellett, M. Burd 185–188

An investigation of the tolerance to ammonia of the marine ciliate *Euplotes vannus* (Protozoa, Ciliophora)
H. Xu, W. Song, A. Warren 189–195

Responses of invertebrates and algae of a boreal coniferous forest stream to experimental manipulation of leaf litter inputs and shading
K.J. Melody, J.S. Richardson 197–206

Short research notes

Leaf litter processing rates in a Kenyan highland stream, the Njoro River
M. Dobson, J.M. Mathooko, F.K. Ndegwa, C. M'Erimba 207–210

Can one species determine the structure of the benthic community on a temperate rocky reef? The case of the long-spined sea-urchin *Diadema antillarum* (Echinodermata: Echinoidea) in the eastern Atlantic
F. Tuya, A. Boyra, P. Sanchez-Jerez, C. Barbera, R. Haroun 211–214

Persistence of gametophyte predominance in *Chondrus crispus* (Rhodophyta, Gigartinaceae) from Nova Scotia after 12 years
R. Scrosati, B. Mudge 215–218

Electronic journals at
KluwerOnline
WWW.KLUWERONLINE.NL
Contact your librarian for more information